

ABSTRACT

Fluid pressure reduction devices for use in gas and liquid handling systems are disclosed. An example fluid pressure reduction device includes a plurality of cylinders, each having an inner diameter surface and an outer diameter surface and a plurality of apertures that extend from the inner diameter surface to the outer diameter surface. The cylinders are arranged in a nested configuration so that a substantial portion of the inner diameter surface of one of the plurality of cylinders is in contact with a substantial portion of the outer diameter surface of another one of the cylinders. Portions of the apertures of one of the cylinders overlap at least portions of the apertures of another one of the cylinders to form a process fluid flow path.